

### ABSTRACT

A self-contained cooling unit (~~1~~) for drinking water fountains, wherein the cooling unit ~~comprises~~ [-] includes an outer casing (2) forming a fluidtight chamber. [;] [a] A thermal exchange fluid is held within the chamber. [; -] Also, a source of cold energy (~~18~~) is transferable to the thermal exchange fluid. [; -] Additionally, at least one drinking water conduit (~~11~~) is arranged within the chamber, ~~and~~ having a drinking water inlet (~~9~~) and a drinking water outlet (~~10~~) outside of said chamber.